

ethical duties should terminate at this point. The dentist has had his chance and if he doesn't know enough to take it, my duty to the patient is more important; and I refer him to a dentist who does know what to do and how to do it.

I have seen some very remarkable results from cleaning up teeth in joint cases, but have also been disappointed many a time. I send also a large proportion of my stomach cases to the dentist for two reasons: Some must get rid of the pus they are swallowing, and others must fill in the gaps in their chewing surface. Many people have no chewing surface. They may have a number of teeth, but they are not like the old lady who was always thanking God for his manifold blessings; one of these was, that though she had only two teeth, they hit. Theirs do not hit. Very often the dentist does not seem to think this a serious matter; but if you examine the stools of some of those patients, you will often find great lumps of food that have gone through the tract undigested, and interfering with the assimilation of other materials.

It is very hard to know how to advise some patients in whom the X-ray shows small pus pockets at the roots of four or five teeth. Perhaps it is a woman, underweight, asthenic and enteroptotic. Can we promise her enough improvement in health to justify her in losing those teeth? Perhaps she hasn't the money to have them replaced properly. The enthusiast says: take them out. I hesitate, and feel like waiting until a greater experience has accumulated.

A number of men have worked on the theory that gastric ulcer is due to infection by mouth bacteria and have even produced ulcers in animals; but the problem seems to be much too complicated for so simple a solution. There are many other factors to be reckoned with. I have seen some cases of ulcer that suggested such an etiology, but we must always be very careful in excluding other causes. Two years ago I saw a woman with severe gastric symptoms and a mouth full of bad teeth and pus pockets. She had lost forty pounds in weight and vomited in the morning pus she had been swallowing all night. Dr. Novitzky put her mouth in perfect condition and she got better. After a few months she was still underweight and suffering. A positive Wassermann was then found, and two injections of salvarsan restored her promptly to perfect health.

Dr. C. F. Welty: I would like to ask the speaker what relation, if any, the tooth root cysts bear to root infections. It seems to contain a secretion that has flakes that glitter.

Dr. J. S. Marshall (closing discussion): I had hoped that somebody would have something to say about the suggestion I made with regard to gangrenous pulps and gastric ulcer, and that I had struck something that might be interesting from the medical and surgical standpoint. Perhaps when you think the question over a little, you may see something in it. I am not sure there is, myself, but it struck me as a very strong probability. No one knows today, I believe, what causes ulcer of the stomach anyway. It is a question that has never been settled, I mean as to its etiology.

Dr. Fisher spoke of crowns and bridges and having seen so many of the cases where pus was welling up around the cervix of the tooth upon the slightest pressure. If the crown or bridge is properly made and the tooth has been properly treated beforehand, those conditions should not obtain. When they do, they are the result of slovenly work on the part of the dentist. I am sorry to say a great many men who call themselves dentists are not dentists. They are the kind the newspapers talk about sometimes as

"tooth carpenters." Such a dentist knows nothing and cares nothing about his profession. All he is after is the shekels.

Dr. Alvarez asked about amputation of roots. I did not speak about it because I did not go especially into the treatment. I believe some of these cases can be cured by root amputation, some of them by amputation in position in situ and others by extraction and replantation. I prefer, if I can, to extract the single rooted tooth, amputate the diseased end of the tooth while I can see what I am doing, finishing it perfectly smooth, leaving no sharp edges, keeping it practically warm during the operation, opening up the pulp canal and sterilizing it thoroughly with 1:500 bi-chloride, then dehydrate it and fill the canal with gutta-percha, sealing the apical end with a gold filling so that it would be impossible for any leakage to occur, either from the tooth or from the tissues into the tooth. If I were in Chicago, where I practiced before I went into the U. S. Army, I could show you sixty or seventy cases that I treated in that way by extraction and replanting, and I never yet lost a tooth from such an operation. They all of them got well. But some of these cases that are treated by amputation in situ do not get well, because they have not been properly done. You cannot seal the apical foramen with a gold filling under such circumstances. All you can do is to put in a gutta-percha filling, which is soft and has a little chloroform in it. When the chloroform has evaporated, there is space for fluids to leak down into the tissues and cause sepsis.

Dr. Welty asked about cysts. There are several forms of cyst that we come across in the treatment of teeth. One is the inflammatory cyst that follows an abscess. The pus disappears and the cavity fills up with serum. Another form is the dentigerous cyst with a secretion that is glairy, like the albumen of the egg and has floating in it flakes of Cholesterine. These are usually the most difficult to treat and cure. But, of course, by removing the cause of irritation and thorough curetment they can be cured.

SOCIETY REPORTS

ALAMEDA COUNTY.

The following meetings were held during the month of September:

September 5th, Dr. McCleave, chairman.

The Subnormal Child, Dr. L. M. Terman, Stanford University. Discussion by Chief of Police Volmer of Berkeley and Mrs. W. Hicks of the Oakland School Department.

September 12th, Dr. E. von Adelung, chairman.

I. Pleural Effusion, Dr. P. E. Abbott. II. Recent Advances in Treatment of Tuberculosis, Dr. C. L. McVey. III. Tuberculin, Dr. Florence Sylvester. IV. Data on Pneumothorax, Dr. E. von Adelung. Illustrated by plates.

September 19th. Regular monthly meeting.

I. A Brief Review of Some of the Late Developments Along Immunological Lines, Dr. R. A. Archibald. II. The Attitude of the Physician Towards the Venereal Patient, Dr. A. M. Meads.

September 26th, Dr. Alvin Powell, chairman.

I. Vicary's Anatomy, the first anatomy published in English, Dr. G. W. Corner, Dept. of Anatomy, U. C. II. Personal Investigations into the Hygiene and Health of the Flower of the American Indians, Dr. Alvin Powell. Illustrated by stereopticon.

ELMER E. BRINCKERHOFF, Secretary.

SACRAMENTO COUNTY.

Regular September meeting called to order by J. H. Parkinson, at 8:50 p. m. Thirty-seven members present. Minutes read and approved. Report of cases:

1. Evulsion ligaments of knee.
2. Evulsion ligaments of elbow.
3. Uterus didelphys.
4. Stone in broad ligament.
5. Foreign body in oesophagus. By Dr. H. D. Barnard.

Recurrent facial paralysis, five attacks, Dr. E. W. Twitchell.

Alkaptonuria, Dr. F. F. Gundrum.

Fracture of four cervical vertebra, first to fourth, Dr. J. B. Harris.

Paper of the evening: Uterine Fibrosis: Causation, Prevention, and Conservative Treatment, Dr. W. A. Briggs.

Discussed by Drs. Henderson, G. A. White, Harris, Cox, S. E. Simmons, Miller, Lawhead of Woodland, Fred Fairchild of Woodland, Bates of Davis, Hayes, D. V. M., of Davis, Parkinson. Closed by W. A. Briggs.

Regular October meeting, Hotel Sacramento, October 17, 1916.

Dr. Parkinson, president, in the chair.

Members present, 26.

Minutes of previous meeting read and approved.

Cases reported:

1. Osteosarcoma of Femur Simulating Fracture. H. D. Barnard, M.D.
2. Hydated Cyst of Liver. F. F. Grundrum, M.D.

Paper of the Evening: Floating 8th, 9th, and 10th Costal Cartilages, by E. C. Turner, M.D.

Discussion opened: C. B. Jones, M.D.

Discussed: H. D. Barnard, M.D.

Discussion closed by Dr. Turner, who gave the Society an interesting account of Military Medical affairs on the Border.

The President announced a special meeting to hear an address on Social Insurance by I. M. Rubinow, M.D., on Tuesday evening, October 24th, 1916, at the Hotel Sacramento, at 8:30 o'clock sharp.

Dr. Bernard announced the California Northern District Medical Society, at Sacramento, November 14, 1916.

Adjourned.

F. F. GUNDRUM, M.D.,
Secretary-Treasurer.

PROCEEDINGS OF THE SAN FRANCISCO COUNTY MEDICAL SOCIETY.

During the month of September, 1916, the following meetings were held:

Tuesday, September 5th—Section on Medicine.

1. Neuritis and Paralysis as Complications of the Intensive Pasteur Treatment. J. C. Geiger, Bureau of Communicable Diseases, Berkeley.

2. Fat and Fatty Degeneration (illustrated by lantern slides). Martin H. Fischer, Professor of Physiology, University of Cincinnati.

3. Rules and Regulations of the State of California and the City of San Francisco, Relative to the Prevention of an Epidemic of Poliomyelitis. Wm. C. Hassler, Health Officer, City and County of San Francisco.

Tuesday, September 12—General Meeting.

1. Co-operative Medicine in Relation to Social Insurance. J. L. Whitney.

2. The Physician's Attitude Toward Health Insurance. I. M. Rubinow, Consulting Actuary to the Social Insurance Commission of California.

3. Should the Medical Profession Plead in Favor of the Proposed Health Insurance Bill? J. H. Graves.

Tuesday, September 19th—St. Luke's Hospital Clinical Evening.

1. Hernia of the Urinary Bladder. Harry M. Sherman.

2. Presentation of Case. Harry M. Sherman.

3. Prostatitis in Men Past Middle Age. W. P. Willard.

4. Spontaneous Amputation of Tube and Ovary. G. M. Barrett.

5. Roentgen Treatment of Localized Pyogenic Infections; Report of Eight Cases. H. E. Ruggles.

Tuesday, September 26th—Section on Eye, Ear, Nose and Throat.

1. Presentation of Cases:

A. Carcinoma Base of Tongue Treated by Cautery and X-Ray. Henry Horn.

B. Parotid Gland Emptying Into the Antrum of Highmore; Result of Double Antrum Operation. C. F. Welty.

C. Persistent Hyaloid Artery. W. S. Franklin.

D. Result of Operation on Inferior and Superior External Rectus. R. P. O'Connor.

2. Symposium on Extraction of Senile Cataract:

A. The Incision. Vard Hulen.

B. Preliminary Iridectomy. Hans Barkan.

C. Capsulotomy. W. S. Franklin.

D. Extraction in Capsule. W. F. Blake.

E. My Favorite Method of Cataract Extraction. K. Pischel.

SAN DIEGO COUNTY.

The regular meeting for July was held at La Mesa, July 18, 1916. Dr. Robert Smart delivered a short address on "Red Cross Preparedness," or "what the women could do in the event of war." The greater part of the program was of a social nature. The society was the guest of the local physicians, Drs. Mallory, Parks and Zochert. The attending physicians took their wives with them and all report an enjoyable time.

Three meetings were held in August. August 1st, symposium on pellagra with the following papers: (1) "The Troublesome Question of Its Etiology," by Dr. J. E. Jennison. (2) "Its Skin Symptoms," by Dr. J. C. Yates. (3) "Its Neurologic Aspects," by Dr. T. Coe Little. (4) "Its Gastrointestinal Symptoms," by Dr. T. S. Whitlock. (5) "What We Know of Its Treatment," by everybody.

August 15th, focal infection with two papers: (1) "Foci of Infection in the Ear, Nose and Throat," by Dr. Frank A. Burton. (2) "The Heart in Relation to Focal Infection," by Dr. H. F. Andrews. The discussion was opened by Dr. Robert Maloney.

August 29th, the second of a series of social meetings was held at the Wednesday Club House. More than forty doctors and their ladies were present. The program consisted of vocal and instrumental music from some of San Diego's finest artists. There was dancing to the music of a four-piece orchestra and refreshments were served. Plans for the Annual State Meeting were carefully discussed.

Two meetings were held in September. September 5th, the following papers were given: (1) "Some Fractures About the Elbow," by Dr. M. C. Harding, assisted by Dr. L. C. Kinney, with lantern slides. (2) "The Hormone Equation of the Psychoses," by Dr. C. R. Carpenter.

September 18th, Dr. Robert Pollock presented a paper on diabetes.

The committee on general arrangements for the State Society Meeting in April, reports remarkable progress. Satisfactory arrangements have been

made at Hotel Del Coronado for accommodations, both for our guests personally and for meeting hall. Mr. Hernan, the manager of the hotel, is a member ex-officio of the committee and is sparing no pains in perfecting arrangements for the entertainment of the doctors from the north. The meeting promises to be unique in the history of the society.

O. G. WICHESKI, M. D.

SAN JOAQUIN COUNTY.

The regular monthly meeting of the San Joaquin County Medical Society was held on Friday evening, September 29th. Those present were: Drs. F. P. Clark, D. F. Ray, W. E. Gibbons, J. D. Young, C. E. English, B. T. McGurk, S. E. Latta, S. F. Priestly, L. Dozier, H. Smythe, Margaret Smyth, Minerva Goodman, E. A. Arthur, J. J. Tully, B. J. Powell, J. T. Davison, S. P. Tuggle, R. B. Knight, Mary Taylor, R. B. Hammond, C. R. Harry, W. T. McNeil, H. J. Bolinger and E. B. Todd of Lodi, G. G. Hawkins of Ione and D. R. Powell with Dr. Hollinger and Dr. Williamson of Stockton, Dr. Surryhne of Modesto and Dr. Herbert C. Moffitt of San Francisco as guests.

The regular order of business was dispensed with in order to proceed at once to the paper of the evening by Dr. Moffitt on the subject of "Mediastinal Tumors." He very thoroughly covered his topic from the standpoint of history, symptoms, physical signs and differential diagnosis, illustrating his points by case histories and with lantern slide pictures, radiographs and preserved specimens. Unfortunately Dr. Moffitt was compelled to leave immediately at the conclusion of the address in order to get back to San Francisco the same evening, which prevented a general discussion of the interesting paper.

At this point the society was honored by the presence of Dr. Ray Lyman Wilbur, President of Stanford University, who in his usual happy way gave some observations on "Mediastinal Tumors," the subject of the evening, and then spoke on his deep interest in the maintenance of a high standard of medical work in California, and told the purpose of the organization of the California Society for the Promotion of Medical Research of which he is president.

DEWEY R. POWELL, Secretary.

SANTA BARBARA COUNTY.

Monday, September 11, 1916, the society met in regular session at about 8 p. m. at the Arlington Hotel. It was called to order by the president, Dr. C. S. Stoddard. The secretary, Dr. William T. Barry, at his desk. Present: Drs. Bakewell, Barry, W. B. Cunnane, R. Brown, Flint, Clarke, Lovern, Pierce, Stevens, Stoddard, Wells, Ryan, a total of twelve members. No visitors or guests.

The chair first called for clinical cases. Dr. Ryan reported an important case of injury to the eye. The injury was very extensive, including most of the important structures of that organ. The doctor was successful in his treatment of the case and hopes the patient will finally have use of the eye.

Dr. Bakewell reported an important and interesting case of twin birth. The patient was delivered of two living children. The president then called for the papers and discussions of the evening. A symposium on acute poliomyelitis (infantile paralysis). The etiology, clinical history and prognosis, by Dr. Benj. Bakewell. Pathology, by Dr. Wm. H. Flint; prophylaxis and quarantine, by Dr. C. S. Stevens; medical treatment, by Dr. R. M. Clarke; surgical treatment, Dr. Rexwold

Brown. All these papers were highly scientific and instructive, and were duly discussed by all present.

The chair then announced that the unfinished business section was reached. Dr. Barry rose and moved the adoption which he had previously given written notice concerning, of a change in the constitution looking to election of all officers by postal ballot system. Dr. Flint seconded Dr. Barry's motion. The president called for discussion. Dr. Ryan objected that Dr. Barry was not technically correct in his method of bringing his motion. Dr. Bakewell also took a similar ground. Dr. Barry argued his motion and moved for a vote. He claimed that the postal ballot system was the only strictly correct and scientific method for the election of officers as it gave each member of the society an opportunity to vote, irrespective of whether he was able to be present in person, at the annual meeting. However, the chair ruled that Dr. Barry's motion not being technically correct in its presentation, was out of order, and consequently it was laid on the table.

Under announcements, the president read the secretary's resignation, to take place October 1st next, stating that Dr. Barry contemplated a protracted absence from Santa Barbara which rendered this action necessary on his part. Dr. Rexwold Brown arose and after a kindly speech of appreciation of the secretary's past services, moved a vote of thanks to Dr. Barry for his long and faithful official acts. Dr. Bakewell also rose and spoke on similar lines. Dr. Brown's motion was duly seconded and unanimously carried. Dr. Barry thanked the members warmly for their kindly vote of thanks and stated that his interest in the welfare of the Santa Barbara County Medical Society and in scientific medicine came from the bottom of his heart, and he indeed wished the members of the Santa Barbara County Medical Society a happy and prosperous future. After the acceptance of Dr. Barry's resignation the chair appointed Dr. R. Manning Clarke to fill out Dr. Barry's unexpired term. Adjourned.

WILLIAM T. BARRY, Secretary.

SISKIYOU COUNTY.

The Siskiyou County Medical Society met on Monday, October 2nd, at the home of Dr. Howard R. Parker in Dunsmuir. Dr. Wm. Tebbe gave an interesting talk on "La Grippe" and Dr. W. F. Shaw read a very instructive paper on "Sanitation and Diseases of Panama."

Among those present were Drs. Chas. Nutting, Sr., Hathaway, Will Tebbe, Chas. Nutting, Jr., Chas. Pius, Hal Warren, W. F. Shaw, H. R. Parker and J. Ray Jones.

At the close of the meeting the society had dinner with Dr. Parker. The next meeting will probably be held at Weed.

J. ROY JONES, Secretary.

SAN FRANCISCO POLYCLINIC POST GRADUATE EXTENSION LECTURES.

Notice to the Medical Profession.

Any lecture of the following course, is offered, free of charge, to the County Societies of this state and immediately adjoining territory. Notice should be sent to the Dean at least two weeks prior to the desired attendance and in the event of the distance from San Francisco exceeding fifty miles, the traveling expenses must be guaranteed.

H. D'ARCY POWER, M. D., Dean.

Medicine.

Dr. P. K. Brown:

1. "Relation of the Doctor to the Health Insurance Plan."
2. "Mental Diseases in Private Practice."
3. "Manifestations of Arterial Deterioration."

Dr. D'Arcy Power:

1. "Intestinal Sub-digestion."
2. "The Liver in Chronic Diseases."
3. "The Dropsies and Their Treatment."

Dr. H. Kronenberg:

1. "Intermittent Claudication of the Upper and Lower Extremities."
2. "Diagnostic Methods of the Gastro-Intestinal Tract."

Pediatrics.

Dr. S. Blum:

1. "Rhino-Pharyngitis in Infancy and Childhood."
2. "Systemic Infection in Childhood."

Surgery.

Dr. H. A. L. Ryfkogel:

1. "Treatment of Infections."
2. "Theory and Use of Bone-Grafting."
3. "The Surgical Treatment of Gastric Ulcers."

Dr. G. Barrett:

1. "Gastro Jejunal Ulcer Following Gastro Enterostomy."
2. "Technic of Gall-Bladder Surgery."
3. "Operations for Umbilical Hernia."

Dr. Bunnell:

1. "Treatment of Infections."
2. "Practical Points in Accident Surgery."

Genito Urinary Diseases.

Dr. M. Krotoszyner:

1. "Upon the Diagnosis and Treatment of Early Stages of Hydronephrosis" (Lantern Slides).
2. "Bladder Tumors: Their Early Diagnosis and Modern Treatment."
3. "Present Status of the Sero-Diagnosis and Treatment of Gonorrhea."

Gynecological Urology.

Dr. W. E. Stevens:

1. "Modern Diagnosis and Treatment of Urinary Lithiasis."
 - a. Kidneys and Ureters.
 - b. Bladder and Urethra.
2. "Functional Kidney Tests."
3. "Modern Treatment of Syphilis."

Dr. S. A. Goldman:

1. "Modern Treatment of Gonorrhea Methods."

Gynecological.

Dr. C. J. Teass:

1. "Caesarian Section."
2. "Technic for the Repair of Complete Laceration of the Perineum."
3. "Technic for the Correction of Cystocele."
4. "Experiences in the Various Methods of Handling Pelvic Infections."
5. "Carcinoma of Uterus."
6. "Ectopic Pregnancy."

Eye.

Drs. A. S. and L. D. Green:

1. "The Treatment of Cataracts" (with moving picture demonstrations).

Ear.

Dr. C. Welty:

1. "Report on Some Interesting Ear Cases."
2. "A Series of Sinus Thrombosis Cases."
3. "Performance of Tonsil Operations Under Local Anesthesia on Grown People."

Nose and Throat.

Dr. H. Horn:

1. "The Value of Endoscopic Examinations of the Upper Air Passages in General Medical Practice."
2. "The Pros and Cons of the Tonsil Operation

from the Standpoint of the General Practitioner."

3. "Newer Methods of the Treatment of Cancer of the Head and Esophagus."

Orthopedics.

Dr. Watkins:

1. "The Modern Treatment of Tuberculous Diseases of the Spine."
2. "The Modern Treatment of Ununited Fractures."
3. "Operations for Defects of the Hip Joint."
4. "Operations, which Having Stood the Test of Time, Can Properly be Employed in the Treatment of Deformities Following Infantile Paralysis."

REPORT OF THE MEETING OF THE STATE BOARD OF HEALTH, OCTOBER 7, 1916.

The State Board of Health met in Sacramento, October 7, 1916, for its regular monthly meeting. Drs. George E. Ebricht, F. F. Gundrum, Edward F. Glaser, Adelaide Brown, Robert A. Peers and Wilbur A. Sawyer were present.

Regulations for the prevention of typhus fever, as prepared by the secretary, were approved and adopted.

Ralph W. Nauss, M. D., Dr. P. H., was appointed to the position of assistant epidemiologist in the Bureau of Communicable Diseases, for a period of one year, without salary, beginning October 1, 1916. Dr. Nauss is detailed to devote his entire time to the investigation of hookworm in California and to make a full report when the work is concluded.

The secretary was appointed to represent the Board at the meeting of the association for the study and prevention of infant mortality in Milwaukee, October 19th to 21st, as well as the meeting of the American Public Health Association at Cincinnati, October 24th to 27th.

The Board approved of a permanent exhibit at the State Exposition Building at Los Angeles.

A number of complaints of residents near Hyperion, relative to the outfall sewer nuisance, were presented to the Board. It was the sense of the meeting that the building of the pier at Hyperion, as already recommended, is a necessary preliminary step and must precede the construction of the Imhoff tanks.

The President appointed Dr. Adelaide Brown a committee of one to confer with Miss Amy Steinhart, Chief Children's Agent, relative to the formation of a board for the purpose of promoting the welfare of the State's orphan wards.

In accordance with the recommendation of the Director of the Bureau of Registration of Nurses, the State of Kentucky having a nurse's registration law, the requirements of which are equivalent to those of the California law, was placed upon the accredited list, graduate nurses from accredited schools in the State of Kentucky to be admitted to registration in California, upon complying with the rules and regulations of the Board.

In accordance with the recommendation of the Director of the Bureau of Registration of Nurses, the following applicants, having complied with the law and with the rules and regulations of the Board, were granted certificates as registered nurse: Julia Sophia Chubbuck, No. 5465, Illinois; Irene L. Jones, No. 5467, Wisconsin; Margaret Traver, No. 5466, Iowa; Anna M. D. Vollstedt, No. 5468, Nebraska.

In accordance with the recommendation of the attorney for the Board and the Director of the Bureau of Foods and Drugs, the following addition to regulation two for the enforcement of the California pure foods and drugs act was adopted:

"This regulation is for the guidance of employees, agents and inspectors of the California State Board of Health. Failure to comply with